



TRAWDEN

Urban District Council.



ANNUAL

REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

1914.



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Trawden Urban District Council.

GENTLEMEN,

I have the honour to submit for your consideration my Twelfth Annual Report for the year 1914, which, in some respects, compares favourably with the report for 1913, and compares unfavourably in others.

The Area of the district is 6815 acres. The Urban portions consist of the Village of Trawden and the Hamlet of Winewall. The rest of the district is composed of meadow and pasture land and moors.

The sub-soil is clay. The district east of the Trawden river is on sandstone and millstone grit, varied by shale strata. On the west of the river there is a large coal field which at present is not worked.

The district is high above the sea level, the altitude varying from 520 to 1700 feet.

The population according to the census return for 1911 was 2973. The estimated population for 1914 is 3020.

The staple industry of the district is cotton weaving. There is also a valuable sandstone quarry, also dye-works. Many of the inhabitants make a living by farming.

The people are of a hardy, thrifty, industrious type. Little poor law relief is given or required.

The rainfall is heavy.

WATER SUPPLY.—The village of Trawden and the upper portion of Winewall is supplied from a boring on Bculsworth Hill. An unfailing supply of excellent water is conveyed to the houses in pipes. The lower portion of Winewall was, up to early in 1914, supplied from the Winewall Well and Reservoir. The water from this well has been proved unsafe for human use, the supply therefrom has been discontinued, and the houses are now supplied from Boulsworth.

There is no River Pollution.

The estimated population for 1914 was 3020. There were 800 inhabited houses, no change since 1913.

The average number of inhabitants to each house was slightly under four. There is no overcrowding.

THE DEATH RATE is lower than for 1913.

The greatest mortality was in the months of January and October, and the lowest in February, May, August and December.

THE INFANTILE DEATH RATE is 148, higher than for 1913.

THE BIRTH RATE is 19, less than for 1913.

THIRTY-FOUR DEATHS were registered as occurring in the district and 3 deaths of inhabitants were registered in other districts, making the total deaths to 37, a decrease of 4 on the previous year.

There were 17 deaths of males and 20 of females. This in a population of 3,020 gives a death Rate of 12, which is lower than the rate for 1913.

The Birth Rate is lower than for 1913. There were 58 Births registered, 33 males and 25 females. This gives a Birth Rate of 19 per 1,000 inhabitants.

No illegitimate births were registered.

During the latter part of February, Enteric Fever broke out in the Winewall District. During the month of March, the Epidemic was severe. There was one case in April and one case in September. I regret to state that two deaths resulted. The cause of the infection was found early during the outbreak, careful measures were taken to prevent spread. A special Report was issued to the Council and Local Government Board on the subject.

There were no other cases of Infectious Diseases.

I here give a table showing the Infectious Diseases notified, and the ages at which they occurred.

CASES OF INFECTIOUS DISEASES NOTIFIED DURING
THE YEAR 1914.

Notifiable Diseases.	At all Ages	Under 1 year	1 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 years and upwards	Totals
Enteric Fever...	13	...	...	4	5	4	...	...	13
Totals	13	...	...	4	5	4	...	...	13

The ZYMOTIC RATE per 1,000 of the population is 4. The Zymotic Death Rate rather less than 7.

No cases of OPTHALMIA NEONATORUM were reported.

THE INFANTILE DEATH RATE is higher than in 1913. Eight infants died in 1914.

One Infant was Prematurely Born, another was Congenitally Malformed, neither had any chance of surviving.

The other cases were :—Marasmus 1, Dentition 1, Bronchitis 3, while the remaining Infant death was the subject of a Coroner's Inquest.

Improper feeding and the tainting of food by house flies, usually the most fatal causes of infantile mortality, were lacking. All ash-pits and similar breeding places of house flies were well disinfected, thus, house flies were not sufficiently numerous to cause disease.

I here give a table showing the Birth and Death Rates for 1914 and the past 5 years.

Year.	Population estimated to middle of each year.	Births.		Total Deaths.		Deaths under 1 year.	
		Number.	Rate.	Number.	Rate per 1000 of population.	Number.	Rate per 1000 births.
1909	2950	78	26.4	46	15.5	12	153.8
1910	2985	73	24.4	42	14.	11	150.6
1911	3020	61	20.2	51	16.5	9	147.5
1912	2973	66	22.	45	15.3	5	75.7
1913	3000	61	20.3	41	13.6	7	114.7
1914	3020	58	19.	37	12.2	8	148

I here give tables showing the ages at, and causes of Infant Deaths, also the ages at which they occurred.

INFANTILE MORTALITY.

All Causes.	1st week	2nd week	3rd week	4th week	Under 1 month	1-2 months	2-3 months	3-4 months	4-5 months	5-6 months	6-7 months	7-8 months	8-9 months	9-10 months	10-11 months	11-12 months	Totals
Premature Birth ...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Congenital Malfor'n ...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Marasmus ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Bronchitis ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	3
Dentition ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Coroner's Inquest ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Totals ...	1	1	...	...	2	...	1	...	1	...	1	...	...	...	2	1	8

There were 7 deaths from RESPIRATORY DISEASES, giving a Respiratory Death Rate of 2 per 1000 of the population.

There were 3 deaths from PHTHISIS (Pulmonary Tuberculosis) giving a Phthisis Death Rate of 1 per 1000 of the population, which is lower than for 1913.

There were no deaths from other forms of TUBERCULOUS DISEASES.

CAUSES OF INFANT DEATHS AND THE MONTHS WHEN REGISTERED.

This table shows the cause of all Infant Deaths and the months of the year in which they occurred.

Disease.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Premature Birth ...	...	...	...	...	...	...	1	...	...	...	...	...	1
Congenital Malforma'n	...	...	1	...	...	...	...	...	...	...	...	...	1
Marasmus ...	1	...	...	...	...	...	...	...	...	...	...	...	1
Bronchitis ...	1	...	1	...	...	...	...	...	1	...	...	...	3
Dentition ...	...	...	...	...	...	...	...	...	...	1	...	...	1
Coroner's Inquest ...	1	...	...	...	...	...	...	...	...	...	...	...	1
Totals ...	3	...	2	...	...	...	1	...	1	1	...	...	8

The following table gives the causes of, and ages at death, from all diseases for the district.

CAUSES AND AGES AT DEATH DURING THE YEAR 1914.

Causes of Death.	All Ages	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards	Totals
Enteric Fever...	2	...	...	...	...	2	...	...	...	2
Pulmonary Tuberculosis	3	...	...	...	...	...	...	2	1	3
Cancer ...	1	...	...	...	...	...	...	...	...	1
Organic Heart Disease	1	...	...	...	...	...	...	1	...	1
Bronchitis ...	5	3	...	...	...	...	...	...	2	5
Pneumonia ...	1	...	...	...	...	...	...	1	...	1
Other Diseases of Respiratory Organs ...	1	...	...	...	...	...	...	1	...	1
Appendicitis ...	1	...	...	...	...	1	...	...	...	1
Nephritis ...	1	...	...	...	...	...	...	...	1	1
Accidents and Diseases of Pregnancy and Parturition	3	...	...	...	...	...	3	...	...	3
Congenital Debility & Malfor- mation, includ'g Prem. Birth	3	3	...	...	...	...	...	...	...	3
Other Defined Diseases	11	1	1	...	...	...	2	1	6	11
Other Diseases Ill-defined	1	...	...	...	...	...	...	...	...	1
Violent Deaths	2	...	1	...	...	...	...	...	1	2
Coroner's Inquest ...	1	1	...	...	...	...	...	...	...	1
Totals	37	8	2	1	...	3	5	7	11	37

The number of Deaths was :—

In the first year	...	...	...	...	8
Between 1 year and under 2 years				...	2
From 2 years	„	„	5	„	1
From 5 to 15 years		...	...	...	—
Between 15 and 25 years			...	...	3
From 25 to 45 years		...	...	...	7
From 45 to 65 years		...	...	...	6
From 65 years and upwards			...	...	10
					<hr/>
			Total	...	37
					<hr/>

The average age at death was 37·3. Six persons died over seventy years of age. The greatest age at death was 78.

The following table shows the cause of death at all ages, and the number registered each month.

CAUSE OF DEATH AT ALL AGES, AND NUMBER REGISTERED EACH MONTH.

Diseases.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Enteric Fever ...	...	...	2	...	...	...	...	...	...	...	...	...	2
Pulmonary Tuberculosis ...	...	...	...	...	I	I	...	...	...	I	...	...	3
Cancer ...	...	...	...	...	...	...	...	...	...	...	...	...	I
Organic Heart Disease ...	...	...	...	...	...	...	...	...	...	...	I	...	I
Bronchitis ...	2	...	I	...	...	...	...	...	I	...	I	...	5
Pneumonia ...	...	...	...	...	...	I	...	...	...	...	...	...	I
Other Diseases of the Respiratory Organs ...	...	...	I	...	...	...	...	...	...	...	...	...	I
Appendicitis ...	...	...	...	...	...	...	I	...	...	...	...	...	I
Nephritis ...	...	...	...	...	...	...	I	...	...	...	...	...	I
Accidents and Diseases of Pregnancy and Parturition	I	...	...	...	...	...	...	I	...	I	...	...	3
Congenital Malformation & Debility (including Prem. Birth ...	1	...	...	I	...	...	I	...	...	...	...	...	3
Other Defined Diseases ...	2	...	I	2	...	I	I	...	I	I	I	I	I I
Other Diseases Ill-defined	...	...	...	...	...	...	...	...	...	I	...	...	1
Violent Deaths ...	I	...	I	...	...	...	...	...	...	...	...	...	2
Coroner's Inquest ...	I	...	...	...	...	...	...	...	...	...	...	...	I
Totals ...	8	...	6	3	I	4	4	I	2	4	3	I	37

SLAUGHTER HOUSES.—All in good condition. No complaints, no unsound meat.

HOUSE REFUSE.—The removal of refuse is satisfactorily performed. Disused quarries are used as depositing places.

BAKE HOUSES.—Four, all in good condition.

DAIRIES.—None.

COWSHEDS AND MILKSHOPS.—A still further improvement continues as regards the condition of the cowsheds. The greatest care is taken in the collection of milk and in butter making. The cattle are well cared for and well housed.

The Council School is well built and thoroughly sanitary, and the conditions under which the children are educated are ideal in every respect. The medical inspection of school children is satisfactorily carried out by Dr. Askins of Blackburn.

LODGING HOUSES.—None.

FACTORIES AND WORKSHOPS are in good condition.

The Sanitary Inspector makes monthly visits and reports the condition of the factories as good. The weaving sheds are kept clean, are white-washed periodically, and are well ventilated.

THE WORKSHOPS are in good order.

METHODS OF DEALING WITH INFECTIOUS DISEASE—Fumigation, disinfection, general cleanliness and isolation. The Council have arranged with the Nelson Corporation for the disinfection of clothing when required.

METHODS OF CONTROL OF TUBERCULOSIS.—Three cases of Pulmonary Tuberculosis were reported to me. All cases of Pulmonary Tuberculosis come under my observation. Three deaths from

Tuberculosis were registered in 1914. There is no sanatorium or hospital accommodation except through the Poor Law.

I visit all parts of the district daily, and am always observant and well-informed of all influences which may tend to affect the public health.

SCAVENGING.—Done by employees of the Council. In 1914, 16,155 closets and 1,911 ash-pits were emptied.

SEWAGE.—The Sewage works are in good order and working satisfactorily.

THE HOUSING AND TOWN PLANNING ACT, 1909.

No of Houses Inspected.	No. of Houses considered unfit for Human Habitation.	No. of Houses in which Defects were Remedied.	No. of Houses Demolished.	Character of Defect found.
174	None.	21	None.	Defective Eaves, Roofs, Fall Pipes, Slopstone Pipes.

MIDWIVES' ACT.—There are no registered midwives in the district, but maternity cases are frequently attended by the midwives from the neighbouring locality. The patients are attended in a satisfactory manner.

HOUSE ACCOMMODATION.—Good, no over-crowding, and in sanitary condition. Mr. Tatham, Inspector of Nuisances, inspected 174 houses, a list of old property being supplied by me, and he found no home to come under sub-section 7 of section 17 of the Housing, Town-Planning, &c. Act of 1909.

Appended is Mr. Tatham's Report for 1914, also Vital Statistics for 1914 and previous years.

In conclusion I wish to thank the Members of the Council and their Officials for their sympathy and help in all matters of importance relating to my duties.

I am, gentlemen,

Yours obediently,

GEORGE SKEEN.

Craven House, Colne,

April 17th, 1915.

Report of the Inspector of Nuisances for the Year 1914.

To the Trawden Urban District Council.

GENTLEMEN,

During the year we have had an epidemic of Enteric Fever, thirteen cases in all, which have all been supplied with disinfectants, and the houses fumigated at the end of the illness. The excreta was collected by Colne Corporation from ten of these cases, and the remainder collected by our own men in buckets and disinfected and buried at the Sewage farm. I had destroyed by Colne Corporation, in connection with these cases, a quantity of bedding, etc.

Also there were two cases of Tuberculosis. Both cases were served with disinfectants, and houses fumigated. Also bedding and wearing apparel destroyed.

There have been emptied during the year 1914, 16,155 Closets, and 1911 Ashpits and Ashbins.

46 gullies have been emptied and about 19 blocked gullies opened.

The Urinal in Keighley Road, has been swilled and cleaned weekly, and the gullies in the various streets inspected weekly.

There are in the district 665 closets of the following classes, viz :

Pails	...	...	...	315
Waste Water	...	...	...	228
Clean Water	...	...	...	106
Tanks	...	...	...	16
Total				665

There are also in the district the following receptacles for ashes, etc., viz :

Ashpits	...	...	...	343
Ashbins	...	...	...	34
Total				377

CONVERSION OF SANITARY CONVENIENCES DURING THE
YEARS 1910-14.

	1910	1911	1912	1913	1914
Privies fixed to moveable receptacles	—	—	—	—	—
„ with fixed receptacles to fresh water closets	—	—	—	—	—
„ with fixed receptacles to waste water closets	—	—	—	—	—
„ moveable receptacles to fresh water closets	—	—	11	1	5
„ moveable receptacles to waste water closets	—	—	8	—	—
Totals	—	—	19	1	5

Nuisances abated upon verbal instruction 7. Three notices served and abated.

I have made 74 visits to Mills and Workshops during the year. Several slight deficiencies such as new pail, etc., have been made good.

Slaughter-houses and Bake-houses are in good condition.

The Sewage Works are working fairly well. We have had during the year 3 sewers blocked and 1 manhole blocked, which were made good as soon as possible. At the Sewage Farm we have had 5 leaks into the sub-soil drains, all of which were stopped as soon as detected.

I remain, Gentlemen,

Yours obediently,

JOHN TATHAM,

Inspector of Nuisances

VITAL STATISTICS IN 1914 AND PREVIOUS YEARS.

YEAR.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under one year.
1909	2950	78	46	12
1910	2985	73	42	11
1911	3020	61	51	9
1912	2973	66	45	5
1913	3000	61	41	7
1914	3020	58	37	8

VITAL STATISTICS DURING 1914 AND PREVIOUS YEARS.

Year.	Population estimated to middle of each year.	Births.		Total Deaths Registered in the District.			Nett Deaths at all ages belonging to the district	
		Number.	*Rate.	Under 1 year of age.		At all ages.	Number.	*Rate.
				Number.	Rate per 1000 Births registered.			
1909	2950	78	26.4	12	153.8	46	46	15.5
1910	2985	73	24.4	11	150.6	42	42	14
1911	3020	61	20.2	9	145.7	51	51	16.5
1912	2973	66	22.	5	75.7	45	45	15.3
1913	3000	61	20.3	7	144.7	41	41	13.6
1914	3020	58	19	8	148	34	37	12

* Rates in Columns 4, 8 and 10 calculated per thousand of estimated population.